

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1735	((Fred near2 Harris) (David near2 Johnson)).in.	US-PGPUB; USPAT	OR	ON	2009/08/27 12:12
S2	449	(UNIVERSITY and OREGON).as.	US-PGPUB; USPAT	OR	ON	2009/08/27 12:13
S3	4108558	composition material composite	US-PGPUB; USPAT	OR	ON	2009/08/27 12:14
S4	536	S1 and S3.clm.	US-PGPUB; USPAT	OR	ON	2009/08/27 12:15
S5	169	S2 and S3.clm.	US-PGPUB; USPAT	OR	ON	2009/08/27 12:15
S6	1585	Bi2Te3 "Bi.sub.2Te. sub.3" (bismuth near4 tellurid\$4)	US-PGPUB; USPAT	OR	ON	2009/08/27 12:16
S7	2	S1 and S6.clm.	US-PGPUB; USPAT	OR	ON	2009/08/27 12:16
S8	0	S2 and S6.clm.	US-PGPUB; USPAT	OR	ON	2009/08/27 12:16
S9	5	("20050150539" "3362853" "5900071" "5994639" "6060657").PN.	US-PGPUB; USPAT	OR	ON	2009/08/27 12:19
S10	75	("2588254" "2798989" "3124936" "3259759" "3296033" "3338753" "3342567" "3356464" "3626583" "3674568" "3721583" "3873370" "4029520" "4088515" "4261771" "4361814" "4368416" "4457897" "4469977" "4620897" "4644753" "4664960" "4786335" "4847666" "4855810" "4869971" "4999082" "5006178" "5021224" "5051786" "5064476" "5156004" "5181086"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:16

		"5210428" "5288336" "5415699" "5436467" "5439528" "5448109").PN. OR ("5900071").URPN.				
S11	3369	thermoelectric near4 material	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:34
S12	7262	super\$2lattice	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:34
S13	153	S11 same S12	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:34
S14	37	"TiTe.sub.2" TiTe2 "TiTe.sub.x"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:34
S15	2	S13 and S14	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:34
S16	164468	barrier near4 (layer material)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:38
S17	57	S13 and S16	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:38
S18	3	S14 same S16	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:40
S19	372	257/9.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/27 15:49
S20	1	S14 and S19	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/27 15:49
S21	3	barrier same ("TiTe. sub.2" TiTe2 "TiTe.sub. x" "ASe.sub.zTe.sub.2- z")	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/04 12:15
S22	37	"TiTe.sub.2" TiTe2 "TiTe.sub.x" "ASe.sub. zTe.sub.2-z"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/04 12:15
S23	12	(Metal near Chalcogenide) same (diffusion near4 barrier)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/04 12:19
S24	85	Chalcogenide same (diffusion near2 barrier)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/04 13:04
S25	1739	((Fred near2 Harris) (David near2 Johnson)). in.	US-PGPUB; USPAT	OR	ON	2009/09/04 13:22
S26	2	S25 and S22	US-PGPUB; USPAT	OR	ON	2009/09/04 13:22
S27	9	barrier same (titanium near4 telluride)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/04 13:59
S28	3	barrier same (titanium near telluride)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/04 14:00

S29	1	"6214090".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/04 14:28
S30	26127	reduc\$4 near4 (diffusion interdiffusion)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/04 14:34
S31	4	S22 and S30	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/04 14:34
S32	1	S22 same S30	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/04 14:35
S33	50	("6586133" "7435491" "20060097241" "7453111" "20070284622" "20090135193" "5200742" "7072617" "20050213625" "20080089599" "20090060026" "3554204" "3554273" "3555253" "3555260" "3555262" "3555263" "3555271" "3555273" "3555274" "3555290" "3555303" "3555346" "3555354" "3555951" "3556109" "3556175" "3556509" "3557310" "3557323" "3557356" "3557365" "3557813" "3558114" "3558864" "3558882" "3558888" "3558959" "3558963" "3558966" "3558970" "3559735" "3560641" "3560662" "3560694" "3560695" "3560700" "3560702" "3560810" "3561329").pn.	US-PGPUB; USPAT	OR	ON	2009/09/04 17:33
S34	3	S33 and ("TiTe.sub.2" TiTe2 "TiTe.sub.x") same barrier	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/04 17:35
S35	1739	((Fred near2 Harris) (David near2 Johnson)). in.	US-PGPUB; USPAT	OR	ON	2009/09/04 17:36
S36	1	S35 and ("TiTe.sub.2" TiTe2 "TiTe.sub.x") same barrier	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/04 17:36
S37	5	S33 and ("TiTe.sub.2" TiTe2 "TiTe.sub.x")	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/04 17:37
S38	76	(titanium near telluride) Ti-telluride	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/04 17:41

S39	1	S38 same ((diffusion near barrier) (reduc\$4 near4 interdiffusion))	US_PGPUB; USPAT; USOCR	OR	ON	2009/09/04 17:41
S40	15680	"TiTe.sub.2" TiTe2 "TiTe.sub.x" TiTex "titanium Telluride" "titanium tellurium" Ti-telluride Ti-Te	US_PGPUB; USPAT; USOCR	OR	ON	2009/09/04 17:43
S41	4	S40 same ((diffusion near barrier) (reduc\$4 near4 interdiffusion))	US_PGPUB; USPAT; USOCR	OR	ON	2009/09/04 17:43
S42	63	"TiTe.sub.2" TiTe2 "TiTe.sub.x" TiTex "titanium Telluride" "titanium tellurium" Ti-telluride Ti-Te	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/04 17:44
S43	0	S42 and ((diffusion near barrier) (reduc\$4 near4 interdiffusion))	US_PGPUB; USPAT; USOCR	OR	ON	2009/09/04 17:45
S44	2	diffusion near2 barrier same TiTe2	US_PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:05
S45	3	("TiTe.sub.2" TiTe2 "TiTe.sub.x" TiTex) same barrier	US_PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:06
S46	0	("TiTe.sub.2" TiTe2 "TiTe.sub.x" TiTex) and barrier	EPO; JPO; IBM_TDB	OR	ON	2009/09/08 12:07
S47	0	("TiTe.sub.2" TiTe2 "TiTe.sub.x" TiTex)	EPO; JPO; IBM_TDB	OR	ON	2009/09/08 12:07
S48	6	("TiTe.sub.2" TiTe2 "TiTe.sub.x" TiTex)	USOCR	OR	ON	2009/09/08 12:07
S49	4	("TiTe.sub.2" TiTe2 "TiTe.sub.x" TiTex) same (Bi2Te3 "Bi. sub.2Te. sub.3" (bismuth near4 tellurid\$4))	US_PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:09
S50	4	("TiTe.sub.2" TiTe2 "TiTe.sub.x" TiTex) and (Bi2Te3 "Bi. sub.2Te. sub.3" (bismuth near4 tellurid\$4))	US_PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:12
S51	7	("3791871" "4229196" "4481266" "4608192" "4692390" "5525442" "5569558").PN. OR ("7435491").URPN.	US_PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:12
S52	47	"TiTe.sub.2" TiTe2 "TiTe.sub.x" TiTex)	US_PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:13

S53	3	(titanium "Ti") same (diffusion near4 barrier) same2 S52	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:13
S54	36	titanium with (diffusion near4 barrier) and "136".clas.	US-PGPUB; USPAT	OR	ON	2009/09/08 12:15
S55	5	telluride with (diffusion near4 barrier) and "136".clas.	US-PGPUB; USPAT	OR	ON	2009/09/08 12:17
S56	14	telluride with (diffusion near4 barrier)	US-PGPUB; USPAT	OR	ON	2009/09/08 12:25
S57	6	telluride with (diffusion near4 barrier) with titanium	US-PGPUB; USPAT	OR	ON	2009/09/08 12:26
S58	2	("4855810" "5064476").pn.	US-PGPUB; USPAT	OR	ON	2009/09/08 13:08
S59	1592	(Bi2Te3 "Bi.sub.2Te.sub.3" (bismuth near4 tellurid\$4))	US-PGPUB; USPAT	OR	ON	2009/09/08 14:59
S60	1031	(Sb2Te3 "Sb.sub.2Te.sub.3" SbxTe1-x) (Antimony near4 telluride)	US-PGPUB; USPAT	OR	ON	2009/09/08 15:01
S61	374	S59 same S60	US-PGPUB; USPAT	OR	ON	2009/09/08 15:01
S62	123	S61 and "136".clas.	US-PGPUB; USPAT	OR	ON	2009/09/08 15:01

EAST Search History (Interference)

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